

WHAT IS CLAIMED IS:

1. A composition comprising an immunogenic peptide having an B7-like supermotif, which immunogenic peptide is selected from the group consisting of SEQ ID Nos: 1 through 127.

5 2. The composition of claim 1, wherein the immunogenic peptide has a sequence from hepatitis B virus and is selected from the group consisting of SEQ ID NO: 56 through SEQ ID NO:60.

3. The composition of claim 1, wherein the immunogenic peptide has a sequence from hepatitis C virus and is SEQ ID No:61.

10 4. The composition of claim 1, wherein the immunogenic peptide has a sequence from human immunodeficiency virus and is selected from the group consisting of SEQ ID No:62 through SEQ ID NO:64.

15 5. The composition of claim 1, wherein the immunogenic peptide has a sequence from *Plasmodium falciparum* and is SEQ ID No:65.

6. The composition of claim 1, wherein the immunogenic peptide has a sequence from MAGE 2 or MAGE 3 and is selected from the group consisting of SEQ ID No: 66 through SEQ ID NO:68.

20 7. The composition of claim 1, wherein the immunogenic peptide has a sequence from He2/neu and is selected from the group consisting of SEQ ID No:69 through SEQ ID NO:71.

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